

Dr. Robert E. Peterkin
Science Applications International Corporation



EDUCATION

University of North Carolina at Chapel Hill
Ph.D., Physics and Astronomy, 1983
Boston College
B.S., Physics, 1976

WORK EXPERIENCE

Science Applications International Corporation
Special Assistant for Technology Transition, 2004 - Present
DoD High Performance Computing Modernization Program Office
Chief Scientist, 2002 - 2004
Air Force Research Laboratory
Deputy Division Chief and Tech Advisor, High Power Microwave Division, 1999 - 2002
Branch Chief, Plasma Physics Branch, 1997 - 1999
Group Leader, Computational Physics Group of the AF Phillips Lab, 1991 - 1997
Mission Research Corporation
Group Leader, Radiation Hydrodynamics Group, 1988 - 1991
Member of the Technical Staff, 1983 - 1988

AREAS OF EXPERTISE

Physics and astrophysics, directed energy, computational science and engineering, high performance computing, pulsed power, high-current technology and applications, plasma physics, defense R&D.

PROFESSIONAL/SCIENTIFIC/HONORARY AFFILIATIONS

Fellow, American Physical Society; Fellow, Air Force Research Laboratory; Sigma Xi (1976); APS representative to the Information, Computing, and Communication Section of the American Association for the Advancement of Science (2003-present); Member, IEEE; Member, Directed Energy Professional Society; Member AIAA.